

APPARATUS AND METHOD FOR WIRELESS
COUPLING OF INTEGRATED CIRCUIT CHIPS

Abstract of the Invention

In order to overcome the limitation of the integrated circuit chip inter-connectability resulting from the physical dimensions of the leads, a radio frequency 5 transmitter and/or a radio frequency receiver are included in the integrated circuit chip. Logic signal groups from one integrated circuit chip can be encoded by the modulation on the radio frequency signal and received and decoded by a second integrated circuit chip. The 10 transmitted signal groups can be transmitted in a series format or in a parallel format. Either amplitude or frequency modulation can be used to impose information on the carrier frequency.